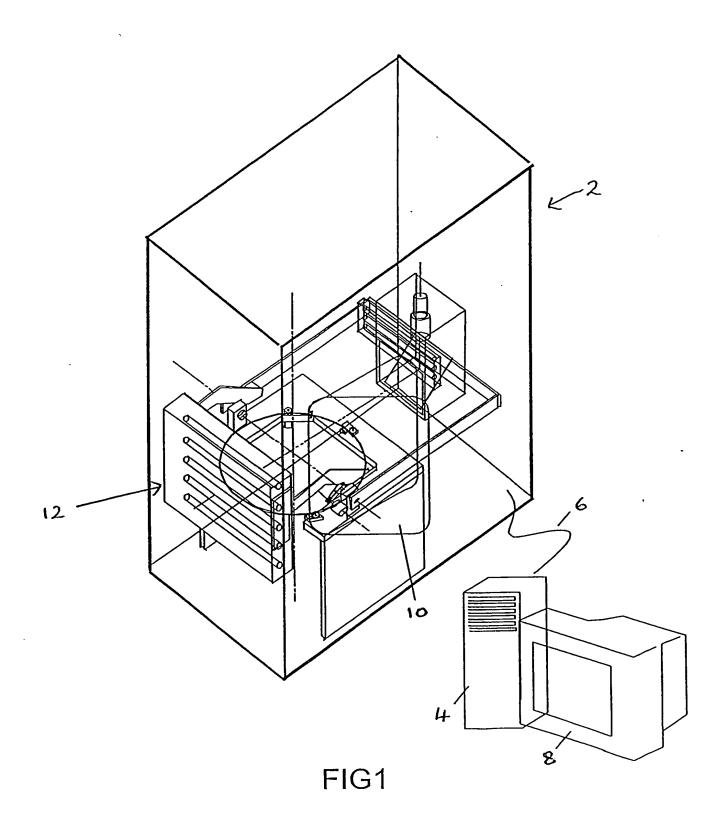
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TITLE: IMAGE ACQUISITION SYSTEM FOR
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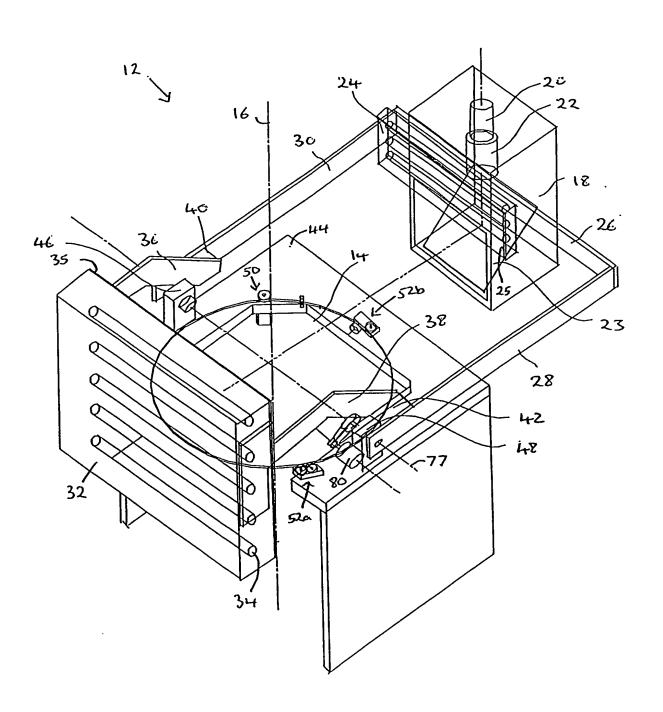
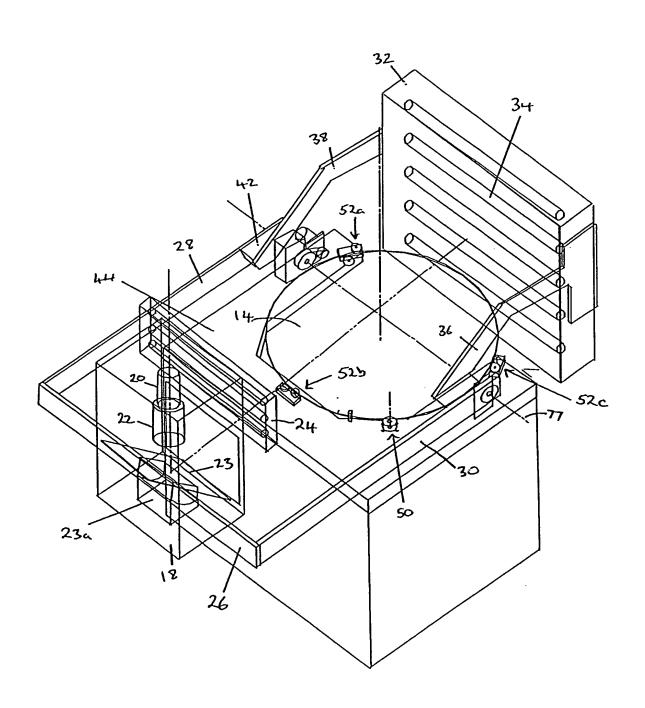


FIG2

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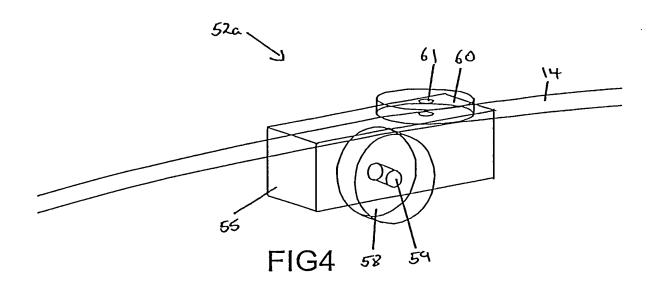
"INVENTORS: KOICHI MATSUMARA, ET AL.

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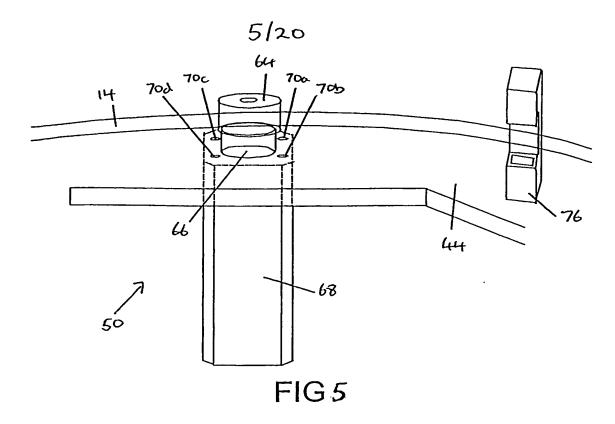
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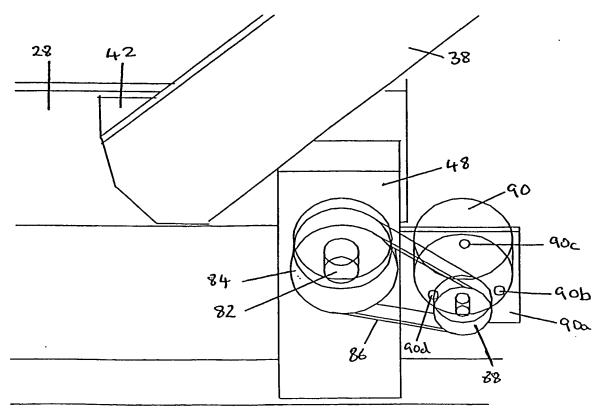


FIG6

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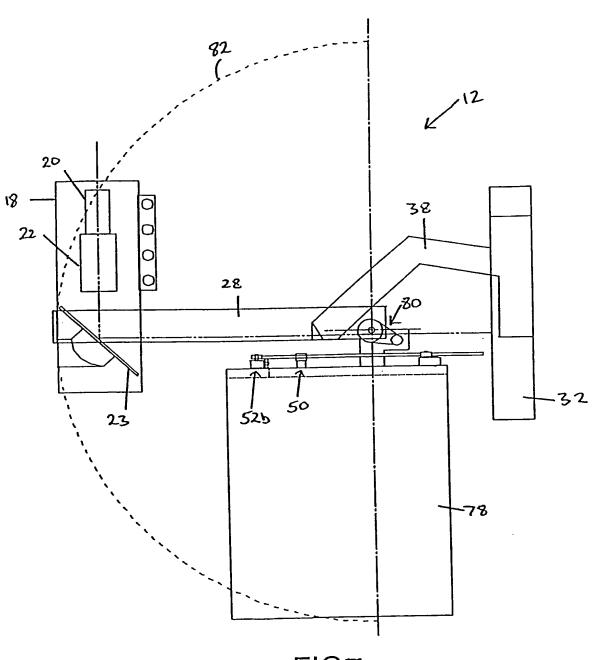
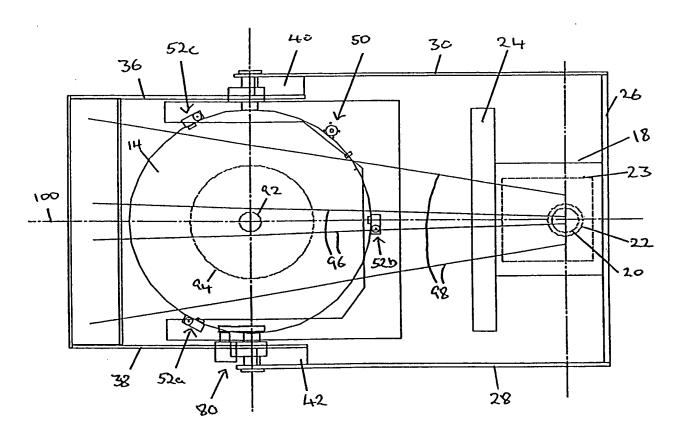


FIG7

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FIG

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FIG23

FIG24

FIG27

FIG28

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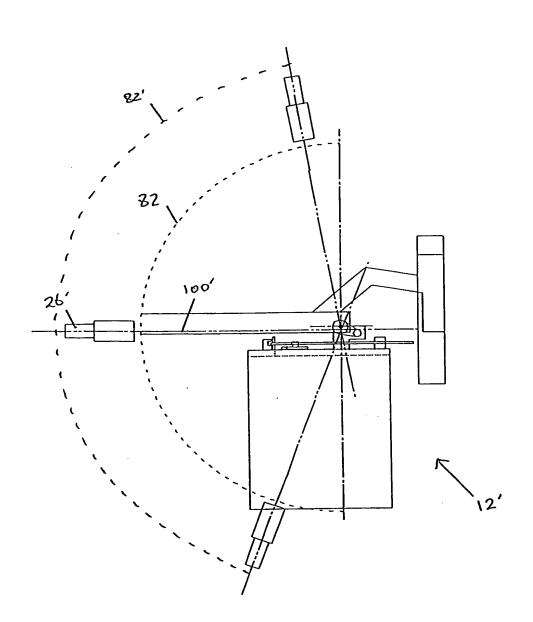


FIG29

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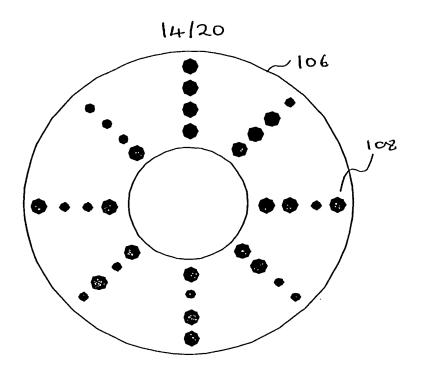


FIG.30

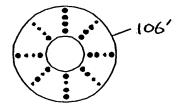


FIG.31

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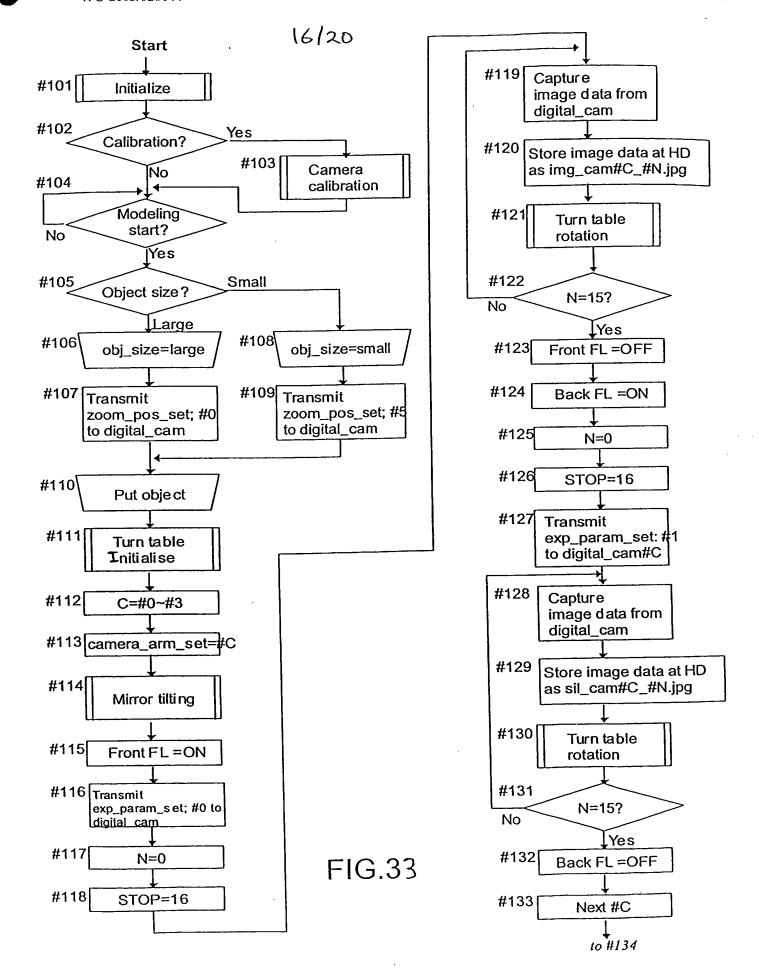
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15/20 110 1.66. GUI 164 COM **VF** 3D Object CPU & System control application program Modelling 112 Engine 130 Kyeboard & Mouse Video Digital Camera COM port driver 162 Interface **USB** driver 118 Driver 160 Video **USB** Device 124 Serial Interface HD Manager 116 board 128 **USB PORT** 156 **HUB** Interface 126 122 150 24 Mous e Video 114 Front Monitor ighting DAC ADC DAC DAC digital\_cam FL Keyboard ctrl. & Zoom lens unit #F-FL 20/22 132 STM STM STM 120 #B-Fl Driver Driver Driver Back FL 142 134 136 138 40 23a ВТМ ЬВ 152

FIG.32

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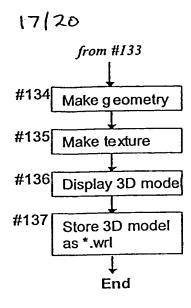
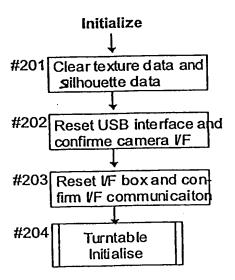


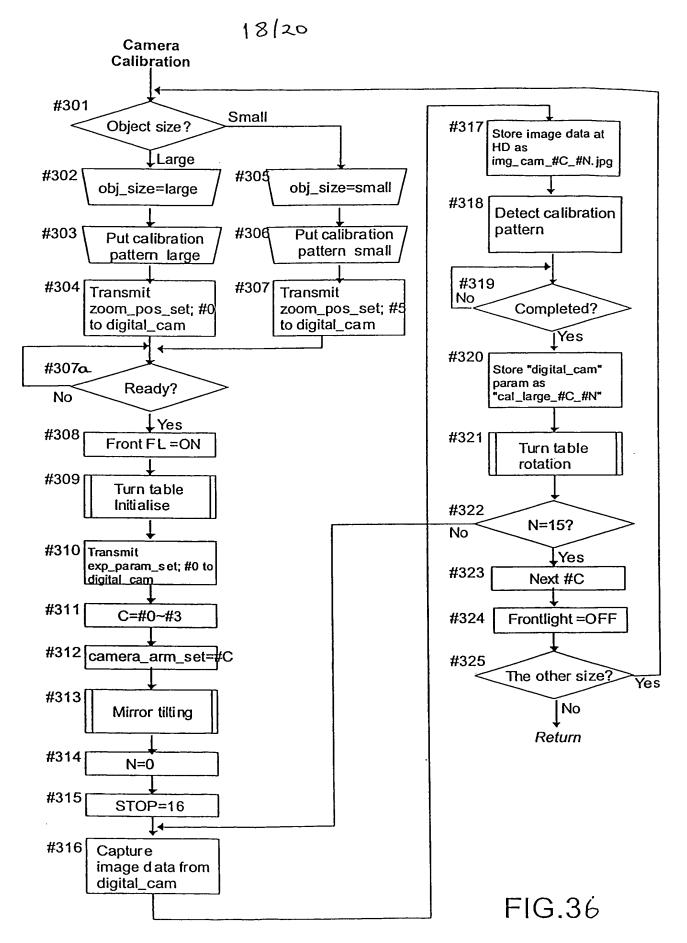
FIG.34



**FIG.35** 

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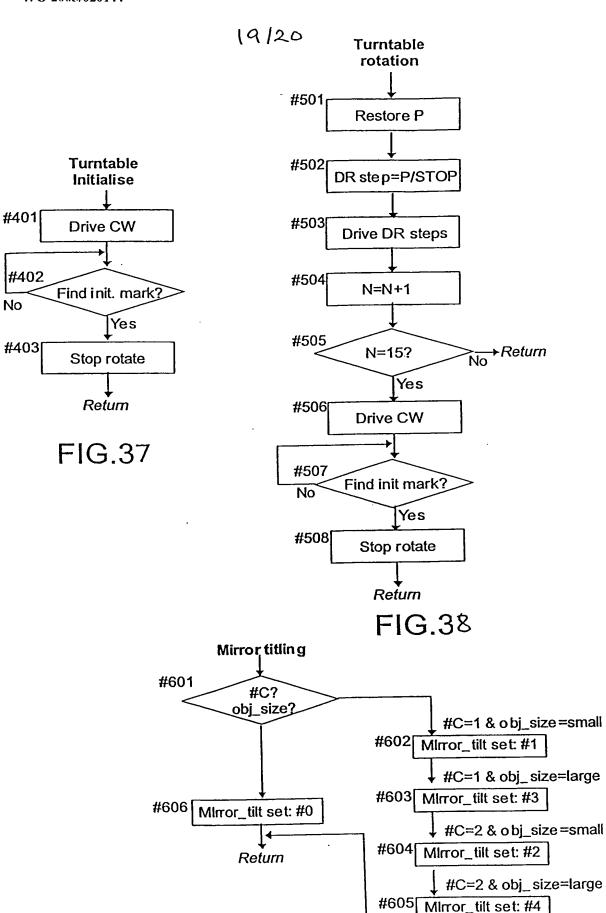


FIG. 39

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#### FIG.40

camera_arm_set	Rotation degrees
#0:	+80.0'
#1:	+45.0
#2:	+10.0'
#3:	-70.0

# FIG.41

exp_param_set	AV	TV
#0: front_texture	F.8.0	1/15
#1: backlight	F.8.0	1/60

## FIG.42

zoom_pos_set	Focal length
#0:	Wide-end
#1:	ZP1
#2:	ZP2
#3:	ZP3
#4:	ZP4
#5:	Tele pho to-end

## FIG.43

Mirror_tilt_set	degrees
#0: #1: #2 #3 #4:	Odegrees -3 degrees -5 degrees +8 degrees +10 degrees

#### FIG.44

lighting_ctrl_register	0	1
F_FL	OFF	ON
B_FL	OFF	ON